

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"10577113"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L2	56491	(optical or electro-optical) near5 (package or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L3	6703	((lead near frame) or (lead- frame)) same ((die near pad) or (mount\$3 near portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L4	88939	(resin or encapsulat\$3) near5 (transparent or light- transmit\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L5	937410	lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L6	235741	(thermal near stress) or (expansion near3 coefficient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L7	7081	((lead near frame) or lead- frame)) same ((die near pad) or (mount\$3 near pad) or (mount\$3 near portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L8	13	L2 and L4 and L5 and L6 and L7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33

L9	9	L8 and @ad<"20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L10	31	L2 and L7 and L4 and L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L11	24	L10 and @ad<"20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L12	2	("5907151").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L13	44	("4247864"   "5298742"   "5350916"   "5565674"). PN. OR ("5907151").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L14	43	{"20020113244"   "20030057573"   "20030168670"   "20030168720"   "20030193080"   "20030193083"   "20040079957"   "20040173804"   "3760237"   "4152618"   "4267559"   "5173839"   "5785418"   "5789772"   "5841177"   "5869883"   "5907151"   "5959316"   "5998925"   "6060729"   "6238599"   "6274924"   "6307272"   "6318886"   "6329706"   "6335548"   "6429513"   "6444498"   "6456766"   "6457645"   "6468821"   "6480389"   "6492725"   "6501103"   "6531328"   "6541800"   "6559525"   "6680491"   "6680568"   "6707069"   "D465207"   "RE37707"). PN. OR ("7264378").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L15	76	L3 and L4 and L5	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33

L16	55	L15 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L17	15	("2861165"   "3821775"   "4698730"   "5093768"   "5898267").PN. OR ("6552368").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L18	57	("4663833"   "4894707"   "5079190"   "5220198"). PN. OR ("5523608").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L19	8	("4554126"   "4697203"   "5264393"   "5328552"   "5424249"   "5523608"   "5594282").PN. OR ("6172424").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L20	15	(masakata near kanbe).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L21	14757	(sharp near kabushiki near kaisha).asn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L22	390	L21 and (optical and package)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L23	241	L22 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L24	3875	257/98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L25	462	L24 and L6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L26	338	L25 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L27	10	("5452190"   "6345903"   "6755556"   "6896381"). PN. OR ("7111964").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33

L28	88954	(resin or encapsulat\$3 or (mold near compound)) near5 (transparent or light-transmit\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L29	13	L2 and L28 and L5 and L6 and L7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L30	9	L29 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L31	56491	(optical or electro-optical) near5 (package or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L32	937410	lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L33	26733	L31 and L32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L34	235741	(thermal near stress) or (expansion near3 coefficient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L35	2145	L33 and L34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L36	90395	(resin or encapsulat\$3 or mold or mould) near5 (transparent or light-transmit\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33

L37	228	L33 and L34 and L36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L38	136	L37 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L39	2638294	(resin or encapsulat\$3 or ((mold or mould) adj compound) same first same second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L40	2638232	(resin or encapsulat\$3 or ((mold or mould) adj compound) with first with second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L41	5731	L31 and L32 and L40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L42	130	L41 and cte	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L43	19071	L33 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L44	81	L42 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L45	459	L41 and (coefficient near thermal near expansion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33

L46	312	L45 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L47	3281	257/99	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L48	2	L47 and (resin and encapsulat\$4 and "mold compound" and transparent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L49	1012	L47 and ((resin or encapsulat\$4 or "mold compound") and transparent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L50	905	L47 and ((resin or encapsulat\$4 or "mold compound") and transparent) and second	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L51	793	L49 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L52	353	L49 and @ad< "20041013" and lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L53	12	("20020001192"   "20020039001"   "20020042156"   "20020053742"   "20020070449"   "5670797"   "5882949"   "5998232"   "6184544"   "6392294").PN. OR ("6833566").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L54	9	("20010000622"   "6337536"   "6340824"). PN. OR ("6653661").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33

L55	5	("20040164311"   "20050045903"   "6576931"   "6653661"   "6943380").PN. OR ("7334907").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L56	19	("6219074"   "6274890").PN. OR ("6396082").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L57	321544	"257"/("100", "432", "433", "676", "E33.056", "E33.058", "E33.059", "E33.066", "E33.067", "E33.073", "E31.127").cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L58	12279	L57 and ((resin or encapsulat\$4 or "mold compound") and transparent) and second	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L59	657	L58 and ((coefficient near thermal near expansion) or CTE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L60	193	L59 and @ad< "20041013" and lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L61	134	L31 and (first near (resin or encapsulatn or encapsulat\$4 or (mold near compound))) and (second near (resin or encapsulatn or encapsulat\$4 or (mold near compound)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L62	62	L61 and @ad< "20041013" and lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33

L63	58	("20010000622"   "20020043926"   "20020079506"   "20020080501"   "20020084745"   "20020084748"   "20020117676"   "20020158578"   "20020163006"   "20030038291"   "20030039119"   "20030039120"   "20030067265"   "20030107046"   "20030141563"   "20030146690"   "20040000867"   "20040012027"   "20040051111"   "20040056256"   "20040227149"   "20040256630"   "5526455"   "5632551"   "5812717"   "5962971"   "6234648"   "6294800"   "6335548"   "6410940"   "6429583"   "6472765"   "6498355"   "6504301"   "6522065"   "6538371"   "6541800"   "6578986"   "6600175"   "6610563"   "6621211"   "6635987"   "6642618"   "6657379"   "6670748"   "6674233"   "6683325"   "6746885"   "6812503"   "6817783"   "6850001"   "6871981"   "7029935").PN. OR ("7224000").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L64	6	("20040084687"   "3780357"   "6051848"   "6653661"   "7078734"   "7088038").PN. OR ("7301176").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L65	98	L61 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L66	30	("5414293"   "5960141"   "6019523"   "6075911"). PN. OR ("6170996").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L67	812	(optical and device and package).ab.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33



L68	109	L67 and (coefficient near thermal near expansion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L69	19	("6219074"   "6274890"). PN. OR ("6396082").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L70	47	((257/100.cds.) and (first near (resin or encapsulantn or encapsulat \$4 or (mold near compound))) and (second near (resin or encapsulantn or encapsulat \$4 or (mold near compound)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L71	10	("5198888"   "5495125"). PN. OR ("6717256").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L72	51	(yorishige near ishii).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L73	17	L69 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L74	4	"10150986".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L75	56491	(optical or electro-optical) near5 (package or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L76	88939	(resin or encapsulat\$3) near5 (transparent or light-transmit\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L77	937410	lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33

L78	7081	((lead near frame) or lead-frame)) same ((die near pad) or (mount\$3 near pad) or (mount\$3 near portion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L79	31	L75 and L78 and L76 and L77	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L80	31	L79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L81	24	L79 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L82	0	L81 and (mold near releas\$4 near agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L83	4	L81 and (mold near releas\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L84	5	(mold near releas\$4 near agent) and (optical near package)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L85	3	L84 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L86	14662	(mold near releas\$4 near agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33

L87	11314	L86 and @ad<"20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L88	7	L87 and ((optical near device).ab.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L89	411	L87 and ((resin or mold) near filler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L90	2	L87 and ((resin or mold) near filler) and (optical near device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L91	3204	(double near mold resin near package).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L92	1463	(double near mold resin near package).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L93	82	(double near mold resin near package).ti. and Optical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L94	0	(double near molded near package).ti. and Optical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L95	56491	(optical or electro-optical) near5 (package or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33

L96	88939	(resin or encapsulat\$3) near5 (transparent or light- transmit\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L97	937410	lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L98	7081	((lead near frame) or lead- frame)) same ((die near pad) or (mount\$3 near pad) or (mount\$3 near portion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L99	31	L95 and L98 and L96 and L97	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L100	321544	"257"/("100", "98", "99"). ccis. and ((resin or encapsulat\$4 or "mold compound") with second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:33
L101	7691	L100 and (lead near frame or lead-frame or leadframe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L102	1834	L101 and ((expansion near3 coefficient) or CTE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L103	137	L102 and ((resin or encapsulant or mold or encapsulat\$3) with (transparent or light- transmit\$4 or transmissive))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L104	113	L103 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33

L105	3	("6274924"   "6850001"). PN. OR ("7078734").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L106	21	L102 and (backlight back- light)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L107	6	("20040188699"   "5907151"   "6396082"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L108	19	("6219074"   "6274890"). PN. OR ("6396082").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:33
L109	1649	257/79.cols. and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L110	4	L109 and "I15"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L111	1657	L102 and (resin or encapsulant or mold or encapsulat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L112	1489	L111 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L113	1834	L102 and ((expansion near3 coefficient) or CTE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L114	1489	L112 and ((expansion near3 coefficient) or CTE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33

L115	221	L101 and (((expansion near3 coefficient) or CTE) with (smaller or higher or larger))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L116	195	L115 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L117	312	L101 and (((expansion near3 coefficient) or CTE) with (smaller or higher or larger lower))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L118	282	L117 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L119	2	"2002118270"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L120	17	"1032351"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L121	2475	CTE with glass	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L122	1549	L121 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33
L123	631	(epoxy with CTE) and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:33

L124	0	((optical adj device) and (lead near frame) and wire and (first near resin) and (second near resin) and (coefficient near expansion)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 14:48
L125	321544	"257"/("678" or "680"). ccls. and (resin or encapsulat\$4 or "mold compound" or encapsulant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:54
L126	321544	"257"/("678" or "680"). ccls. and (resin or encapsulat\$4 or "mold compound" or encapsulant or mold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:55
L127	1189	1126 and ((CTE or CLE or (coefficient near expansion)) with (higher lower))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:57
L129	818	L127 and @ad<"20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 14:58
L130	125	1129 and (leadframe lead-frame lead near frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 15:00
S4	1	"10577113"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/12 11:45
S8	52674	(optical or electro-optical) near5 (package or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 17:32
S9	6354	((lead near frame) or (lead-frame)) same ((die near pad) or (mount\$3 near portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 17:34

S10	83688	(resin or encapsulat\$3) near5 (transparent or light- transmit\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 17:39
S11	885317	lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 17:40
S12	224290	((thermal near stress) or (expansion near3 coefficient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 17:41
S14	6712	((lead near frame) or lead- frame)) same ((die near pad) or (mount\$3 near pad) or (mount\$3 near portion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 17:45
S15	12	S8 and S10 and S11 and S12 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 17:46
S16	8	S15 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 17:51
S17	30	S8 and S14 and S10 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 17:54
S18	23	S17 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 17:54
S19	2	("5907151").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 18:03



S20	41	("4247864"   "5298742"   "5350916"   "5565674"). PN. OR ("5907151"). URFN.	US-PGPUB; USPAT, USOCR	OR	OFF	2008/03/16 18:04
S21	42	("20020113244"   "20030057573"   "20030168670"   "20030168720"   "20030193080"   "20030193083"   "20040079957"   "20040173804"   "3760237"   "4152618"   "4267559"   "5173839"   "5785418"   "5789772"   "5841177"   "5869883"   "5907151"   "5959316"   "5998925"   "6060729"   "6238599"   "6274924"   "6307272"   "6318886"   "6329706"   "6335548"   "6429513"   "6444498"   "6456766"   "6457645"   "6468821"   "6480389"   "6492725"   "6501103"   "6531328"   "6541800"   "6559525"   "6680491"   "6680568"   "6707069"   "D465207"   "RE37707"). PN. OR ("7264378"). URFN.	US-PGPUB; USPAT, USOCR	OR	OFF	2008/03/16 18:04
S22	71	S9 and S10 and S11	US-PGPUB; USPAT, USOCR	OR	OFF	2008/03/16 18:21
S23	54	S22 and @ad< "20041013"	US-PGPUB; USPAT, USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 18:21
S24	15	("2861165"   "3821775"   "4698730"   "5093768"   "5898267").PN. OR ("6552368"). URFN.	US-PGPUB; USPAT, USOCR	OR	OFF	2008/03/16 18:29
S25	54	("4663833"   "4894707"   "5079190"   "5220198"). PN. OR ("5523608"). URFN.	US-PGPUB; USPAT, USOCR	OR	OFF	2008/03/16 18:38
S26	8	("4554126"   "4697203"   "5264393"   "5328552"   "5424249"   "5523608"   "5594282").PN. OR ("6172424"). URFN.	US-PGPUB; USPAT, USOCR	OR	OFF	2008/03/16 18:47
S27	15	(masakata near kanbe) in.	US-PGPUB; USPAT, USOCR	OR	OFF	2008/03/16 19:16
S28	13964	(sharp near kabushiki near kaisha) asn.	US-PGPUB; USPAT, USOCR	OR	OFF	2008/03/16 19:18

S29	344	S28 and (optical and package)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/16 19:19
S30	236	S29 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 19:21
S31	3159	257/98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 19:48
S32	381	S31 and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 19:48
S33	324	S32 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 19:49
S34	7	("5452190"   "6345903"   "6755556"   "6896381"). PN. OR ("7111964").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/16 19:55
S35	83703	(resin or encapsulat\$3 or (mold near compound)) near5 (transparent or light- transmit\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 20:02
S36	12	S8 and S35 and S11 and S12 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 20:03
S37	8	S36 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/16 20:03
S44	52746	(optical or electro-optical) near5 (package or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 15:43

S45	886558	lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 15:43
S46	24797	S44 and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 15:43
S47	224423	((thermal near stress) or (expansion near3 coefficient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 15:46
S48	1942	S46 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 15:46
S49	85150	((resin or encapsulat\$3 or mold or mould) near5 (transparent or light- transmit\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 15:47
S50	196	S46 and S47 and S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 15:47
S51	130	S50 and @ad<"20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 15:48
S52	2527107	((resin or encapsulat\$3 or ((mold or mould) adj compound) same first same second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 15:59
S53	2527048	((resin or encapsulat\$3 or ((mold or mould) adj compound) with first with second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 16:00

S55	5202	S44 and S45 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 16:02
S56	113	S55 and cte	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 16:03
S58	18871	S46 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 16:05
S59	79	S56 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 16:06
S60	410	S55 and (coefficient near thermal near expansion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 16:13
S61	308	S60 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 16:13
S62	2766	257/99	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 16:20
S63	2	S62 and (resin and encapsulat\$4 and "mold compound" and transparent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 16:22
S64	865	S62 and ((resin or encapsulat\$4 or "mold compound") and transparent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 16:23

S65	771	S62 and ((resin or encapsulat\$4 or "mold compound") and (transparent) and second	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 16:23
S66	765	S64 and @ad<"20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 16:24
S67	343	S64 and @ad<"20041013" and lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 16:26
S68	11	("20020001192"   "20020039001"   "20020042156"   "20020053742"   "20020070449"   "5670797"   "5882949"   "5998232"   "6184544"   "6392294").PN. OR ("6833566").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 16:42
S69	7	("20010000622"   "6337536"   "6340824"). PN. OR ("6653661").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 16:45
S70	5	("20040164311"   "20050045903"   "6576931"   "6653661"   "6943380").PN. OR ("7334907").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 16:48
S71	19	("6219074"   "6274890"). PN. OR ("6396082").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 17:04
S72	305908	"257"/("100", "432", "433", "676", "E33.056", "E33.056", "E33.059", "E33.066", "E33.067", "E33.073", "E31.127").cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 17:23
S73	11249	S72 and ((resin or encapsulat\$4 or "mold compound") and (transparent) and second	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 17:23

S74	585	S73 and ((coefficient near thermal near expansion) or CTE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 17:24
S75	181	S74 and @ad<"20041013" and lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 17:25
S76	123	S44 and (first near (resin or encapsulantn or encapsulat\$4 or (mold near compound))) and (second near (resin or encapsulantn or encapsulat\$4 or (mold near compound)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 17:59
S77	62	S76 and @ad<"20041013" and lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 18:00
S78	53	(("20010000622"   "20020043926"   "20020079506"   "20020080501"   "20020084745"   "20020084748"   "20020117676"   "20020158578"   "20020163006"   "20030038291"   "20030039119"   "20030039120"   "20030067265"   "20030107046"   "20030141563"   "20030146690"   "20040000867"   "20040012027"   "20040051111"   "20040056256"   "20040227149"   "20040256630"   "5526455"   "5632551"   "5812717"   "5962971"   "6234648"   "6294800"   "6335548"   "6410940"   "6429583"   "6472765"   "6498355"   "6504301"   "6522065"   "6538371"   "6541800"   "6578986"   "6600175"   "6610563"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 18:02

		"6621211"   "6635987"   "6642618"   "6657379"   "6670748"   "6674233"   "6683325"   "6746885"   "6812503"   "6817783"   "6850001"   "6871981"   "7029935").PN. OR ("7224000").URPN.				
S79	6	("20040084687"   "3780357"   "6051848"   "6653661"   "7078734"   "7088038").PN. OR ("7301176").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 18:10
S80	97	S76 and @ad<"20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 18:12
S81	29	("5414293"   "5960141"   "6019523"   "6075911"). PN. OR ("6170996").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 18:17
S82	771	(optical and device and package).ab.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 18:19
S83	105	S82 and (coefficient near thermal near expansion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 18:19
S84	19	("6219074"   "6274890"). PN. OR ("6396082").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 19:17
S85	44	((257/100.cds.) and (first near (resin or encapsulantn or encapsulat \$4 or (mold near compound))) and (second near (resin or encapsulantn or encapsulat \$4 or (mold near compound)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 19:19
S86	10	("5198888"   "5495125"). PN. OR ("6717256").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 19:24
S87	50	(yorishige near ishii).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 19:27
S88	17	S84 and @ad<"20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 19:28

S89	4	"10150986".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 19:38
S90	52783	(optical or electro-optical) near5 (package or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/18 10:53
S91	83840	((resin or encapsulat\$3) near5 (transparent or light- transmit\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/18 10:53
S92	886874	lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/18 10:53
S93	6725	((lead near frame) or lead- frame)) same ((die near pad) or (mount\$3 near pad) or (mount\$3 near portion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/18 10:53
S94	30	S90 and S93 and S91 and S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/18 10:53
S95	30	S94	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/18 10:53
S96	23	S94 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/18 11:01
S97	0	S96 and (mold near releas \$4 near agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/18 11:02



S98	4	S96 and (mold near releas\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/18 11:02
S101	5	(mold near releas\$4 near agent) and (optical near package)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/18 11:07
S104	3	S101 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/18 11:08
S105	13801	(mold near releas\$4 near agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/18 11:10
S106	11259	S105 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/18 11:10
S107	7	S106 and ((optical near device).ab.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/18 11:11
S110	405	S106 and ((resin or mold) near filler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/18 11:32
S111	1	S106 and ((resin or mold) near filler) and (optical near device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/18 11:33
S112	3203	(double near mold resin near package).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:16

S113	1463	(double near mold resin near package).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:16
S114	82	(double near mold resin near package).ti. and Optical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:17
S115	0	(double near molded near package).ti. and Optical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:23
S116	56315	(optical or electro-optical) near5 (package or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:24
S117	88722	(resin or encapsulat\$3) near5 (transparent or light-transmit\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:24
S118	935426	lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:24
S119	7070	((lead near frame) or lead-frame)) same ((die near pad) or (mount\$3 near pad) or (mount\$3 near portion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:24
S120	30	S116 and S119 and S117 and S118	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:24
S121	321124	"257"/("100", "98", "99"). ccls. and ((resin or encapsulat\$4 or "mold compound") with second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/01 16:33

S122	7673	S121 and (lead near frame or lead-frame or leadframe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 16:34
S123	1829	S122 and ((expansion near3 coefficient) or CTE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 16:39
S124	137	S123 and ((resin or encapsulant or mold or encapsulat\$3) with (transparent or light-transmit\$4 or transmissive))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 16:43
S125	113	S124 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 16:43
S126	3	("6274924"   "6850001"). PN. OR ("7078734").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/01 17:37
S127	21	S123 and (backlight back-light)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 18:05
S128	6	("20040188699"   "5907151"   "6396082"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 18:41
S129	19	("6219074"   "6274890"). PN. OR ("6396082").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/01 18:51
S130	1649	257/79.ccls. and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 19:01
S131	4	S130 and "I15"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 19:01

S132	1652	S123 and (resin or encapsulant or mold or encapsulat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 19:04
S133	1488	S132 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 19:04
S134	1829	S123 and ((expansion near3 coefficient) or CTE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 19:04
S135	1488	S133 and ((expansion near3 coefficient) or CTE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 19:05
S136	220	S122 and (((expansion near3 coefficient) or CTE) with (smaller or higher or larger))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 19:06
S137	195	S136 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 19:07
S138	311	S122 and (((expansion near3 coefficient) or CTE) with (smaller or higher or larger lower))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 19:08
S139	282	S138 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 19:09
S140	2	"2002118270"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 19:49

S141	17	"1032351"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 20:35
S142	2466	CTE with glass	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 20:48
S143	1549	S142 and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 20:48
S144	631	(epoxy with CTE) and @ad< "20041013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/01 21:43

12/ 4/ 2008 3:17:16 PM

C:\Documents and Settings\sahmed7\My Documents\EAST\Workspaces\10577113.wsp